

AMENDMENTS TO THE CLAIMS

The claims in this listing will replace all prior versions, and listings, of claims in the application.

1-14. (Canceled)

15. (Currently Amended) A terminal apparatus configured to receive image data from a scanner, the terminal apparatus comprising:

an interface configured to be connected to the scanner via a network;

a memory configured to store information indicating a plurality of file types and an application program associated with each of the plurality of the file types, each application program being configured to open a document file associated with at least one of the plurality of the file types; and

a controller configured to:

receive, from the scanner, a control file including a file name;

receive, from the scanner, a document file, the document file including image data scanned by the scanner;

analyze the file name included in the received control file to obtain the file type of the received document file;

determine whether the application program associated with the obtained file type is stored in the memory;

search the memory to determine the application program associated with the obtained file type from the application programs stored in the memory; and

start the application program associated with the obtained file type ~~to~~ , when it is determined that the application program associated with the obtained file type is stored in the memory ; and

open the received document file without user input, based upon the application program determined in the search ~~without user input, when it is determined that the application program associated with the obtained file type is stored in the memory.~~

16. (Previously Presented) The terminal apparatus according to claim 15, wherein the controller receives, from the scanner, the control file and the document file, according to a Lpr/Lpd protocol.

17. (Previously Presented) The terminal apparatus according to claim 15, wherein the controller displays the image data included in the document file on a display of the terminal apparatus, in the form of thumbnail.

18. (Previously Presented) The terminal apparatus according to claim 15, wherein the memory stores a plurality of display states associated with the information indicating the plurality of the file types, and the controller displays the image data included in the document file on a display of the terminal apparatus, based on the display state associated with the obtained file type.

19. (Previously Presented) The terminal apparatus according to claim 18, wherein the display state comprises displaying the image data in the form of a thumbnail.

20. (Currently Amended) A network system, comprising:

a scanner configured to scan image data; and

a terminal apparatus configured to be connected to the scanner via a network, and to store, in a memory, information indicating a plurality of file types and an application program

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associated with each of the plurality of the file types, each application program being configured to open a document file associated with at least one of the plurality of the file types,

the terminal apparatus being further configured to:

receive, from the scanner, a control file including a file name;

receive, from the scanner, a document file, the document file including image data scanned by the scanner;

analyze the file name included in the received control file to obtain the file type of the received document file;

determine whether the application program associated with the obtained file type is stored in the memory;

search the memory to determine the application program associated with the obtained file type from the stored application programs; and

start the application program associated with the obtained file type to when it is determined that the application program associated with the obtained file type is stored in the memory ; and

open the received document file without user input, based upon the application program determined in the search ~~without user input, when it is determined that the application program associated with the obtained file type is stored in the memory.~~

21. (Currently Amended) A communication method for receiving image data scanned by a scanner, using a terminal apparatus connected to the scanner via a network, the terminal apparatus storing, in a memory, information indicating a plurality of file types and an application program associated with each of the plurality of the file types, each application program being

configured to open a document file associated with at least one of the plurality of the file types, the communication method comprising:

receiving, from the scanner, a control file including a file name;

receiving, from the scanner, a document file, the document file including image data scanned by the scanner ;

analyzing the file name included in the received control file to obtain the file type of the received document file; and

determining whether the application program associated with the obtained file type is stored in the memory;

searching the memory of the terminal apparatus to determine the application program associated with the obtained file type from the application programs stored in the memory; and

starting the application program associated with the obtained file type ~~to~~ , when it is determined that the application program associated with the obtained file type is stored in the memory; and

~~open~~ opening the received document file without user input, based upon the application program determined in the searching determined in the search ~~without user input, when it is determined that the application program associated with the obtained file type is stored in the memory.~~

22. (Previously Presented) The terminal apparatus according to claim 15, wherein the interface is configured to be connectable to each of a plurality of scanners via a network, and the controller is configured to receive, from one of the plurality of the scanners, a control file including a file name and to receive, from the one of the plurality of the scanners, a document file, the document file including image data scanned by the scanner.

23. (Previously Presented) The terminal apparatus according to claim 15, the controller being further configured to determine whether data received from the scanner comprises a control file and a document file, and when the controller determines that the received data includes the control file and the document file, to search the memory.

24. (Previously Presented) The terminal apparatus according to claim 15, wherein the memory stores file extensions with associated application programs and associated display states, the control file received from the scanner including a file extension.

25. (Previously Presented) The terminal apparatus according to claim 24, the controller being configured to utilize the file extensions to search the memory for the associated application program.

26. (Previously Presented) The terminal apparatus according to claim 15, the controller being configured to determine which application program to start, based upon data stored in memory, without user input.

27. (Previously Presented) The terminal apparatus according to claim 20, the controller being further configured to determine whether data received from the scanner comprises a control file and a document file, and when the controller determines that the received data includes the control file and the document file, to search the memory.

28. (Previously Presented) The terminal apparatus according to claim 20, wherein the memory stores file extensions associated with application programs and with associated display states, the control file received from the scanner including a file extension.

29. (Previously Presented) The terminal apparatus according to claim 28, the controller being configured to utilize the file extensions to search the memory for the associated application program.

30. (Previously Presented) The terminal apparatus according to claim 20, the controller being configured to determine which application program to start, based upon data stored in memory, without user input.

31. (Previously Presented) The communication method according to claim 21, further comprising determining whether data received from the scanner comprises a control file and a document file, and when the received data is determined to include the control file and the document file, searching the memory.

32. (Previously Presented) The communication method according to claim 21, further comprising storing file extensions with associated application programs and with associated display states, the control file received from the scanner including a file extension.

33. (Previously Presented) The communication method according to claim 32, further comprising utilizing the file extensions to search the memory for the associated application program.

34. (Previously Presented) The communication method according to claim 21, further comprising determining which application program to start, based upon data stored in memory, without user input.

35. (Previously Presented) The terminal apparatus according to claim 15, wherein the controller closes the connection with the scanner without opening the received document file, when it is determined that the application program associated with the obtained file type is not stored in the memory.